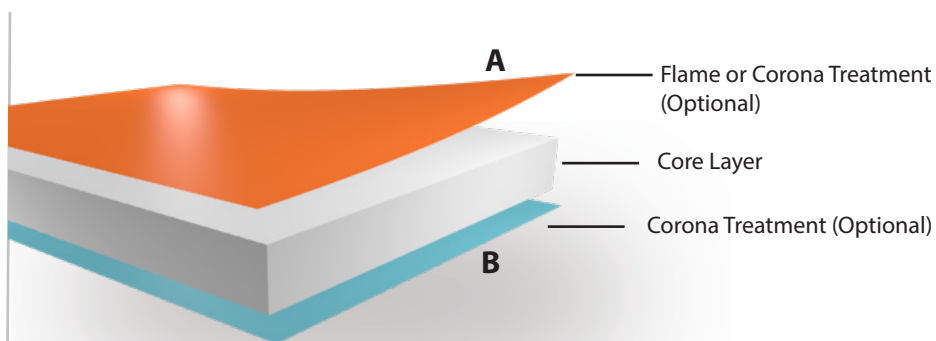


TORAYFAN[®] TX-T

Applications

- Paper/Board Laminations
- Tape/Labels
- Cable Wrap
- Flexible Laminations
- Overlamination
- Print Applications



Torayfan TX-T

HIGH TENSILE, NON SEALABLE BOPP FILM

Summary

Torayfan TX-T films are high tensile BOPP films. The film is designed to be extremely strong in the machine direction.

Designed specifically as an alternative to blown type PP films. The standard film design is treated on both sides, however no treatment or one-side treatment is available.

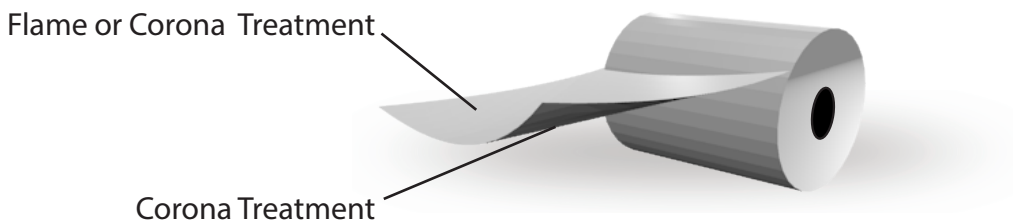
Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES
Thickness Range		-	micron	19-30
Thickness		-	micron	23
Nominal Yield		-	m ² /kg	48.4
Tensile Strength at Break	MD	ASTM D882	Mpa	200
	TD			300
Elongation at Break	MD	ASTM D882	%	120
	TD			40
Heat Shrinkage (100°C for 10 minutes)	MD	ASTM D2732-96	%	3
	TD			1
Coefficient of Friction	A side	ASTM D1894	μ _D	0.40
	B side		μ _D	0.30
Gloss (60°)	A side	ASTM D2457	GU	140
	B side			144
Haze (1 sheet)		ASTM 1003	%	3
Surface Tension	Flame	ASTM D2578	dyne/cm	48
	Corona			38

Key Features

- High tensile, low elongation
- Optically clear, low haze
- Gloss/gloss appearance
- Printable
- For use with hot-melt, water, UV and solvents
- Base film for metalization

Winding Direction (2 side treat)



* These values do not constitute specific binding specifications

DISCLAIMER: This information is believed to be correct as of the date of issue. Toray Plastics (America), Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE AND TAKES NO RESPONSIBILITY REGARDING THE SUITABILITY OF THIS INFORMATION FOR THE USER'S INTENDED PURPOSES OR FOR THE CONSEQUENCE OF ITS USE. User is responsible for determining whether the Toray Plastics (America), Inc. product is fit for a particular purpose and suitable for user's method or use of application. Given the variety of factors that can affect the use and application of Toray Plastics (America), Inc. products, which are uniquely within the user's knowledge and control, it is essential that the user make its own tests to determine the safety and suitability of each Toray Plastics (America), Inc. product or product combination for its own purpose.

Torayfan® is a registered trademark of Toray Industries, Inc. for its range of bi-oriented Polypropylene Films (BOPP)